



Product: [FI5I012L1](#) 

Indoor Interconnect OM5 12 Fibers LSZH/OFNR Mini-Round 3.0mm (250µm)

Product Description

FX Indoor, Interconnect, OM5, 12 Fibers, LSZH/OFNR, Mini-Round 3.0mm (250µm), Lime Green Jacket

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Product Category: | Fiber Interconnect Cable |
| Suitable Applications: | Short-distance indoor applications such as patching, inside cabinets, workstation equipment connections |

Fiber Specifications

| | |
|----------------------|-----------|
| Fiber Type: | OM5 |
| Fiber Core Diameter: | 50/125 µm |
| Fiber Diameter: | 250 µm |
| Fiber Count: | 12 |
| Fiber Color Coding: | TIA-598-D |

Outer Jacket Specifications

| | |
|---------------------|---|
| Strength Member: | Aramid Yarns |
| Jacket Material: | LSZH - Low Smoke Zero Halogen (Flame Retardant) |
| Nom. Diameter: | 0.120 in (3.0 mm) |
| Outer Jacket Color: | Lime Green |

Optical Characteristics

| Wavelength | 850 nm | 1300 nm |
|--|-------------|------------|
| Max. Attenuation | 3.0 dB/km | 1.0 dB/km |
| 10 Gigabit Ethernet Performance | 400 m | -- |
| 40 Gigabit Ethernet Performance | 150 m | -- |
| 100 Gigabit Ethernet Performance | 100 m | -- |
| Min. Effective Modal Bandwidth (EMB) | 4700 MHz.km | |
| Min. Overfilled Launch (OFL) Bandwidth | 3500 MHz.km | 500 MHz.km |

Mechanical Characteristics

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|--|-------------------------|
| Minimum Bend Radius During Installation: | 15x Cable OD |
| Minimum Bend Radius During Operation: | 10x Cable OD |
| Max. Tensile Strength During Installation: | 50 lbf (220 N) |
| Max. Tensile Strength During Operation: | 15 lbf (67 N) |
| Crush Resistance: | 35 N/cm |
| Bulk Cable Weight: | 5.3 lbs/kft (7.9 kg/km) |

Temperature Range

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|---------------------------------|----------------|
| Installation Temperature Range: | 0°C to +60°C |
| Operating Temperature Range: | 0°C to +70°C |
| Storage Temperature Range: | -40°C to +70°C |

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | UL1666, UL 1685 |
| NEC / UL Compliance: | OFNR-ST1 |
| CEC / C(UL) Compliance: | FT4 |
| ICEA Compliance: | S-83-596 |
| TIA/EIA Compliance: | 568.3, 598-D |
| Telcordia Compliance: | GR-409 |
| European Directive Compliance: | EU Directive 2015/863/EU (RoHS 2 amendment) |

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.9 Revision Date: 05-21-2026 |
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Part Numbers

Variants

| Item # | Color | Putup Type |
|-----------|------------|------------|
| F15I012L1 | Lime Green | Reel |

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